



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Summit County									
Akron	02	1430EST			0	0			Hail (1.75)
									Large hail also fell in Springfield Township (0.75"), Copley (0.75"), and on the southern outskirts of Akron (1.00")
Medina County									
Medina	02	1431EST			0	0			Hail (0.75)
Cuyahoga County									
Cleveland	02	1440EST			0	0			Hail (0.88)
									Large hail (0.75") also fell in Euclid and Parma.
Stark County									
Canton	02	1440EST			0	0			Hail (1.00)
									Large hail also fell at Louisville (0.75") and North Canton (1.00"),
Ashtabula County									
Andover	02	1445EST			0	0			Hail (1.00)
Lake County									
Willoughby Hills	02	1455EST			0	0			Hail (0.75)
Geauga County									
Chardon	02	1458EST			0	0			Hail (0.88)
									Large hail also fell at Chesterland (0.75").
Stark County									
Marlboro	02	1500EST			0	0	5K		Lightning
									Lightning struck the fire station causing fire balls to shoot out of the outlets.
Summit County									
Akron	02	1505EST			0	0	3K		Thunderstorm Wind (G70)
									Thunderstorm winds, estimated at up to 80 miles per hour, downed trees.
Trumbull County									
Farmington	02	1508EST			0	0			Hail (1.00)
Portage County									
Suffield	02	1520EST			0	0			Hail (1.75)
Mahoning County									
Sebring	02	1528EST			0	0			Hail (1.75)
Stark County									
Louisville	02	1537EST			0	0			Hail (0.88)
Trumbull County									
Girard	02	1700EST			0	0			Hail (1.00)
									Large hail fell in Liberty Township. Large hail (0.75") also fell at Howland, Warren and Lordstown.
Trumbull County									
Leavittsburg	02	1705EST			0	0			Hail (0.75)
Mahoning County									
Poland	02	1724EST			0	0			Hail (1.75)
									Large hail fell in Poland Township. Large hail (1.00") also fell at Youngstown.
Hancock County									
Findlay	09	2350EST			0	0	2K		Thunderstorm Wind
									Trees were downed.
Wyandot County									
Carey	10	0030EST			0	0	2K		Thunderstorm Wind
									Trees were downed.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Richland County									
Ontario	10	0146EST			0	0			Hail (1.75)
Ashland County									
Loudonville	10	0930EST 1100EST			0	0	5K		Flood
Heavy thunderstorm rains caused flooding of some basements.									
Cuyahoga County									
Solon	12	0106EST			0	0	25K		Lightning
Lightning struck a tree which fell on a house, causing considerable damage.									
Lucas County									
Waterville	12	1650EST			0	0			Hail (0.75)
Wood County									
Countywide	12	1652EST			0	0			Hail (0.75)
There were numerous reports of large hail.									
Wood County									
Countywide	12	1652EST			0	0	50K		Thunderstorm Wind
Trees and large limbs were downed, especially in the areas of Bowling Green, Rudolph and North Baltimore. At least one car was damaged by falling limbs.									
Ottawa County									
Elmore	12	1720EST			0	0			Hail (0.75)
Ottawa County									
Elmore	12	1720EST			0	0	2K		Thunderstorm Wind
Trees were downed.									
Sandusky County									
Hessville	12	1743EST			0	0			Hail (0.75)
Large hail (0.75") also fell at Clyde.									
Seneca County									
Tiffin	12	1800EST			0	0	4K		Thunderstorm Wind
Several trees were downed, at least one on a car.									
Hancock County									
Findlay	12	1800EST			0	0	5K		Thunderstorm Wind
Trees and power lines were downed at Findlay and McComb.									
Erie County									
Countywide	12	1800EST			0	0			Hail (0.75)
There were numerous reports of large hail, mainly in the western portion of the county.									
Hancock County									
Countywide	12	1815EST 1935EST			0	0			Flood
Heavy thunderstorm rain caused flooding of roads.									
Wood County									
Jerry City	12	1835EST			0	0	5K		Thunderstorm Wind
Numerous trees were downed.									
Lorain County									
Countywide	12	1840EST			0	0	50K		Thunderstorm Wind
Numerous trees, large limbs and power lines were downed, especially in the areas of Elyria and North Ridgeville. Cars were damaged and several roadways were blocked.									
Wyandot County									
Countywide	12	1845EST			0	0	2K		Thunderstorm Wind
Many large limbs were downed.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>OHIO, North</u>							
Huron County							
Plymouth	12	1855EST			0 0		Thunderstorm Wind (G52)
			Winds were estimated at 60 miles per hour.				
Cuyahoga County							
Countywide	12	1903EST			0 0 10K		Thunderstorm Wind (G50)
			Numerous trees and power lines were downed. A 58 mile per hour wind gust was measured at Cleveland Hopkins International Airport..				
Crawford County							
Sulphur Spgs	12	1910EST			0 0 2K		Thunderstorm Wind
			Trees were downed in the vicinity of State Route 98 and Locust Grove Rd.				
Lake County							
Painesville	12	1915EST 2015EST			0 0		Flood
			Heavy thunderstorm rain caused flooding of roadways.				
Richland County							
Mansfield	12	1920EST			0 0 3K		Thunderstorm Wind
			Large limbs and power lines were downed.				
Richland County							
Mansfield	12	1930EST			0 0		Hail (1.00)
Summit County							
Countywide	12	1936EST			0 0 10K		Thunderstorm Wind (G86)
			Trees, large limbs and power lines were downed, especially in the areas of Twinsburg, Stow and Springfield Township. Wind gusts were estimated at 60 miles per hour in Twinsburg and 100 miles per hour in Springfield Township.				
Medina County							
Medina	12	1941EST			0 0 5K		Thunderstorm Wind
			Trees and power lines were also downed at Seville and Hinckley.				
Wayne County							
Wooster	12	2000EST			0 0 2K		Thunderstorm Wind
			Trees were downed.				
Portage County							
Windham	12	2000EST			0 0 1K		Thunderstorm Wind
			Large limbs were downed on roads.				
Geauga County							
Welshfield	12	2005EST			0 0 10K		Thunderstorm Wind (G56)
			A wind gust was measured at 65 miles per hour. A tree fell on a barn in Bainbridge.				
Summit County							
Portage Lakes	12	2012EST			0 0		Hail (0.75)
Knox County							
Countywide	12	2013EST			0 0 3K		Thunderstorm Wind
			Several trees were downed.				
Stark County							
Uniontown	12	2020EST			0 0		Hail (0.75)
Ashland County							
Hayesville	12	2022EST			0 0 4K		Thunderstorm Wind
			Trees, limbs and power lines were downed.				
Ashtabula County							
Andover	12	2040EST			0 0 5K		Thunderstorm Wind
			Trees were also downed in Rome and Orwell Township.				



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Holmes County Countywide	12	2055EST			0	0	5K		Thunderstorm Wind
		Trees were downed.							
Mahoning County Boardman	12	2056EST			0	0			Hail (0.75)
Medina County Sharon Center	13	1005EST			0	0	3K		Thunderstorm Wind
		Trees and power lines were downed in Sharon Township.							
Cuyahoga County Garfield Hgts	13	1017EST			0	0			Thunderstorm Wind (G55)
		Winds were measured gusting to 63 miles per hour.							
Portage County Ravenna	13	1100EST			0	0	3K		Thunderstorm Wind
		Trees were downed at Ravenna and Mantua.							
Trumbull County Newton Falls	13	1145EST			0	0			Hail (0.75)
Mahoning County Austintown	13	1155EST			0	0			Hail (0.75)
Holmes County Southwest Portion	15 16	2100EST 0100EST			0	0	200K		Flood
		Heavy thunderstorm rain of three to four inches in four hours caused flooding of basements, roads, small streams and low lying areas. Several roads and bridges were damaged by the high water and trees that had washed onto the roadways. Black Creek was out of its banks, flooding streets and yards in the town of Glenmont where six to eight homes were evacuated. Mudslides were reported in Richland Township just west of Glenmont.							
Lake County Concord	16	1330EST			0	0	20K		Thunderstorm Wind
		A 50 foot tall tree was downed on a house, in Concord Township, damaging the attic and porch.							
Ashtabula County Ashtabula	16	1350EST			0	0			Hail (1.00)
Knox County Countywide	16	1355EST			0	0	4K		Thunderstorm Wind
		Trees and power lines were downed, especially around Mt. Vernon.							
Richland County Mansfield	16	1515EST 1615EST			0	0			Flood
		Heavy thunderstorm rain caused flooding of streets, some of which had to be closed.							
Holmes County Holmesville	16	1521EST 1715EST			0	0			Flood
		Heavy thunderstorm rain caused flooding of roads.							
Stark County Countywide	16	1551EST			0	0	2K		Thunderstorm Wind
		Numerous trees and power lines were downed. A ham radio operator's transmission tower was downed in Waynesburg							
Stark County Waynesburg	16	1635EST 1900EST			0	0			Flood
		Heavy thunderstorm rain caused flooding of roads. Some were covered by four and one half feet of water.							



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Hancock County									
Findlay	19	0200EST			0	0	10K		Thunderstorm Wind
Part of the roof of a large building was blown off. One tree was uprooted and other trees and telephone poles were damaged.									
Wood County									
Rising Sun	19	0215EST			0	0	5K		Thunderstorm Wind
A tree was downed on a house. Limbs and power lines were also downed.									
Marion County									
Marion	19	0215EST			0	0			Hail (0.75)
Large hail fell 5 miles west of the city of Marion.									
Marion County									
Marion	19	0245EST			0	0			Hail (0.75)
Knox County									
Mt Vernon	19	0420EST			0	0	20K		Thunderstorm Wind
Many trees were downed, some blocking roads. Large limbs and power lines were also downed and the press box at the Mt. Vernon high school was toppled.									
Lucas County									
Maumee	24	1850EST			0	0			Hail (0.75)
A boater reported large hail as he came ashore on Maumee Bay.									
Ottawa County									
Countywide	24	1938EST			0	0	3M	1M	Thunderstorm Wind (G80)
Most of the damage in Ottawa County was caused by straight line winds. A gust of 92 miles per hour was measured in Erie Township. Sustained winds of 70 miles per hour were measured at Port Clinton. Many trees and power lines were downed, blocking several roads. Mobile homes were flipped over, some with people inside them in Oak Harbor, and roofs were blown off of barns.									
Ottawa County									
Port Clinton	24	1945EST 2000EST	3.5	100	0	13	20M	5M	Tornado (F2)
A tornado touched down approximately 10 miles west of Port Clinton and just west of the Davis Bessie power plant. Winds were between 113 and 157 miles per hour. Considerable damage occurred, with some barns completely destroyed and an apartment complex heavily damaged. Sixty three homes were destroyed, 63 sustained major damage, 238 had minor damage, semi trucks and mobile homes were overturned and trees and utility poles were downed. Loss of power lines outside Davis Bessie triggered a shutdown and a second stage alert; power was out for several days in places. A state of emergency was declared and all roads were closed in the county. Many buildings were destroyed and trees were downed at Camp Perry. A tree containing an eagle's nest with 2 eaglets was blown down. One of the eaglets survived.									
Lucas County									
Reno Beach	24	2000EST			0	0	100K		Thunderstorm Wind
Thunderstorm winds downed trees in Jerusalem Township. Numerous trees were downed, many boats overturned and campers evacuated at Reno Beach and Maumee Bay State Park.									
Sandusky County									
Countywide	24	2015EST			0	0	2M	1M	Thunderstorm Wind
Large trees, branches and power lines were downed, some on houses and vehicles. A silo was blown onto a house in Vickery, four semi trucks were blown over at Clyde and three barn roofs were blown off in Townsend Township. Straight line winds downed trees and took the roof off of a house in Fremont.									
Erie County									
Crystal Rock	24	2023EST			0	0			Hail (0.75)
Large hail (0.75") also fell at Castalia.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Huron County Countywide	24	2100EST			0	0	5K		Thunderstorm Wind
			Many trees were downed.						
Ashland County Ashland	24	2124EST			0	0	3K		Thunderstorm Wind
			Several trees were downed and shingles were blown from a roof just northwest of the city of Ashland						
Richland County Shiloh	24	2125EST			0	0			Hail (0.75)
Richland County Shiloh	24	2125EST			0	0	2K		Thunderstorm Wind
			Trees were downed.						
Hancock County Mt Cory	26	0315EST			0	0	20K		Thunderstorm Wind
			At a gas station in Bluffton, about four miles south of Mt. Cory, very strong thunderstorm winds ripped off the gas station canopy and pulled gas pumps out of the ground. Debris was scattered to the east and west of the site.						
Erie County Milan	26	0750EST			0	0	10K		Lightning
			Lightning struck the town hall clock tower, destroying the tower and the clock and cracking the town bell.						
Wayne County Apple Creek	26	1611EST			0	0			Hail (0.88)
			Large hail (0.75") also fell 4 miles southwest of Wooster.						
Morrow County Mt Gilead	26	1805EST			0	0	40K		Thunderstorm Wind
			A barn was blown down on Route 61 north of Mt. Gilead.						
Knox County Fredericktown	26	1900EST			0	0	4K		Thunderstorm Wind
			Many trees were downed.						
Knox County Countywide	27	0024EST			0	0	5K		Thunderstorm Wind
			Trees and power lines were downed, especially in the Mt. Vernon area.						
Morrow County Chesterville	27	0030EST			0	0			Hail (1.75)
Knox County Countywide	27	0140EST 0340EST			0	0	50K		Flood
			Heavy thunderstorm rains produced flooding of streams, streets, and basements.						
Knox County Fredericktown	27	0143EST			0	0			Hail (1.75)
Knox County Mt Vernon	27	0206EST			0	0			Hail (0.75)
Knox County Fredericktown	27	0215EST			0	0	5K		Thunderstorm Wind
			Part of the roof of a house was blown off.						
Morrow County Countywide	27	0240EST 0340EST			0	0	50K		Flood
			Heavy thunderstorm rains flooded streams, roads, low lying areas, and basements.						



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

OHIO, North

Richland County

Countywide

27 0340EST 0 0 1M 500K Flood
28 1755EST

Heavy thunderstorm rain and rapidly rising streams triggered flooding along Route 13 near Bellville on Saturday. Water depths were reported at least three feet deep in some spots. One man was rescued from his car. Saturated soil and high stream levels responded quickly to another round of rain on Sunday and caused flooding along secondary roads, flooding of basements and damage to crops. Several roads and bridges washed away and roads remained closed for several days in some areas. The county was declared a state and federal disaster area.

Knox County

Countywide

27 0341EST 0 0 3M 1M Flood
1550EST

Continuing heavy thunderstorm rains brought major flooding, which continued in many areas through the day. Approximately one hundred people were evacuated from their homes. A number of people were trapped by the rising flood waters in vehicles and buildings and had to be rescued. At least nine bridges were washed out; roads were washed away. Many buildings and crops were damaged and several buildings were destroyed.

Morrow County

Countywide

27 0341EST 0 0 1.5M 250K Flood
1550EST

Heavy rain and rapidly rising streams forced the closing of several roads throughout the county by 0430 AM Saturday. Major flooding continued until almost midnight on Sunday. Several people were trapped by the rising flood water and had to be rescued. More than 140 people were evacuated. Homes, other buildings and crops were damaged or destroyed.

Wayne County

Wooster

27 0735EST 0 0 Flood

Flooding occurred on some streets.

Huron County

North Fairfield

27 1500EST 0 0 Hail (1.00)

Large hail (0.75") also fell at Willard.

Lucas County

Toledo

27 1513EST 0 0 Hail (0.88)

Large hail (0.75") also fell at Sylvania.

Wood County

Millbury

27 1526EST 0 0 Hail (1.75)

Large hail also fell at Rossford (1.00") and Wallbridge (1.50").

Sandusky County

Woodville

27 1548EST 0 0 Hail (0.75)

Sandusky County

Countywide

27 1550EST 0 0 10K Thunderstorm Wind

Trees and power lines were downed, especially in the Fremont area.

Morrow County

Countywide

27 1551EST 0 0 1.5M 225K Flood
28 1819EST

Another round of torrential thunderstorm rains brought new flooding and exacerbated existing flooding. Numerous roads were closed or remained closed. 140 people had to be evacuated from rising water. A woman had to be rescued clinging from a tree branch after she escaped from her truck just before it was swept under a bridge. In some areas, flooding persisted for several days and total rainfall since early morning was 8 to 10 inches in some areas. The county was declared a state and federal disaster area.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

OHIO, North

Knox County

Countywide

27 28	1551EST 1834EST				0	0	3M	500K	Flood
----------	--------------------	--	--	--	---	---	----	------	-------

Another round of thunderstorms with torrential rains produced additional flooding and contributed to ongoing flooding. Many roads were closed or remained closed. Forty families had to be evacuated from their homes. Before the thunderstorms moved away 10 inches or more of rainfall had occurred since early morning. Flood waters persisted in some areas for several days. The county was declared a state and federal disaster area.

Knox County

Fredericktown

27	1552EST				0	0			Hail (1.75)
----	---------	--	--	--	---	---	--	--	-------------

Ottawa County

Elmore

27	1555EST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	-------------

Ashland County

Ashland

27	1609EST				0	0			Hail (1.75)
----	---------	--	--	--	---	---	--	--	-------------

Large hail (0.75") also fell at Hayesville.

Wood County

Bowling Green

27	1615EST				0	0			Hail (0.75)
----	---------	--	--	--	---	---	--	--	-------------

Ashland County

Ashland

27	1625EST				0	0	4K		Thunderstorm Wind
----	---------	--	--	--	---	---	----	--	-------------------

Many trees were downed south of Ashland.

Cuyahoga County

Walton Hills

27	1630EST				0	0			Hail (0.75)
----	---------	--	--	--	---	---	--	--	-------------

Wood County

Countywide

27	1630EST				0	0	5K		Thunderstorm Wind
----	---------	--	--	--	---	---	----	--	-------------------

Trees and power lines were downed.

Lorain County

Grafton

27	1643EST				0	0	1K		Thunderstorm Wind
----	---------	--	--	--	---	---	----	--	-------------------

Trees were downed.

Holmes County

Lakeville

27	1645EST				0	0			Hail (1.75)
----	---------	--	--	--	---	---	--	--	-------------

Large hail (0.75") also fell at Nashville.

Wayne County

Wooster

27	1700EST				0	0	3K		Thunderstorm Wind
----	---------	--	--	--	---	---	----	--	-------------------

Trees were downed in the southern part of the county.

Hancock County

Countywide

27	1700EST				0	0	3K		Thunderstorm Wind
----	---------	--	--	--	---	---	----	--	-------------------

Trees were downed.

Seneca County

Countywide

27	1700EST				0	0	50K		Thunderstorm Wind
----	---------	--	--	--	---	---	-----	--	-------------------

Many trees and power lines were downed. At Clinton Lake Campground east of Tiffin, large limbs were downed and 20 campers and several tents were damaged.

Wyandot County

Countywide

27	1710EST				0	0	50K		Thunderstorm Wind
----	---------	--	--	--	---	---	-----	--	-------------------

Numerous trees were downed, roofs were damaged and in Crestline, a TV antenna was downed.

Wyandot County

Upper Sandusky

27	1710EST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	-------------

Cuyahoga County

North Royalton

27	1710EST				0	0			Hail (1.75)
----	---------	--	--	--	---	---	--	--	-------------

Large hail (1.75") also fell at Brecksville.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, North</u>									
Crawford County Countywide	27	1710EST			0	0	5K		Thunderstorm Wind
									Trees and power lines were downed.
Wyandot County Carey	27	1720EST			0	0	2M		Lightning
									A lightning strike ignited a fire that completely destroyed two apartment buildings.
Marion County Countywide	27	1737EST			0	0	75K		Thunderstorm Wind
									Numerous trees and power lines were downed. Trees fell on two houses in the city of Marion.
Richland County Countywide	27	1740EST			0	0	2K		Thunderstorm Wind
									Trees were downed.
Wyandot County Countywide	27	1740EST			0	0	2K		Thunderstorm Wind
									Trees were downed.
Stark County Alliance	27	1800EST			0	0	25K		Lightning
									Two houses were struck and damaged by lightning
Knox County Gambier	27	1800EST			0	0			Hail (0.75)
Ashland County Ashland	27	1800EST			0	0			Hail (1.00)
Stark County Countywide	27	1810EST			0	0	5K		Thunderstorm Wind
									Trees and power lines were downed, especially in Marlboro Township.
Knox County Danville	27	1815EST	0.5	70	0	0	10K		Tornado (F0)
									A tornado touched down south of Danville and remained on the ground for a short time. Numerous trees were downed.
Stark County Alliance	27	1820EST			0	0	20K		Flood
									Heavy thunderstorm rains of 3 inches in little over an hour caused flooding of roads. A few cars were flooded and a number of basements were flooded.
Stark County Alliance	27	1836EST			0	0	2K		Thunderstorm Wind
									Trees were downed.
Marion County Marion	27	1851EST			0	0			Hail (0.75)
Marion County Countywide	27	1900EST			0	0	5K		Thunderstorm Wind
									Trees and power lines were downed.
Morrow County Shauck	27	2014EST			0	0			Hail (1.00)
Crawford County Countywide	27	2030EST			0	0	3K		Thunderstorm Wind
									Trees were downed.
Richland County Countywide	27	2030EST			0	0	3K		Thunderstorm Wind
									Trees were downed.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Ashland County Loudonville	27	2040EST			0	0			Hail (1.75)
Morrow County Mt Gilead	27	2050EST			0	0	50K		Thunderstorm Wind
A barn was blown over just northwest of Mt. Gilead.									
Knox County Howard	27	2055EST			0	0			Hail (1.75)
Morrow County Mt Gilead	27	2252EST			0	0			Hail (0.75)
Large hail fell in the vicinity of Mt. Gilead.									
Seneca County Tiffin	28	1600EST			0	0	20K		Thunderstorm Wind (G62)
A wind gust was estimated at 71 miles per hour. The roof was blown off of a barn and large limbs were downed.									
Sandusky County Countywide	28	1615EST			0	0	200K		Thunderstorm Wind
Numerous trees and power lines were downed, especially in the area of Bellevue. Some trees were downed on structures and automobiles.									
Medina County Chippewa On The Lake	28	1622EST			0	0			Hail (1.00)
Large hail also fell in Gilford Township (1.00") and Wadsworth (0.75").									
Erie County Castalia	28	1636EST			0	0			Hail (1.00)
Huron County Strongs Ridge	28	1640EST			0	0	2K		Thunderstorm Wind
Trees were downed east of Bellevue near Strongs Ridge.									
Wayne County Rittman	28	1650EST			0	0	10K		Thunderstorm Wind
Many large limbs were downed on a house near Rittman.									
Erie County South Portion	28	1705EST 1840EST			0	0	5K		Flood
Heavy thunderstorm rains produced flooding of small streams and streets. Some flooding was reported on the Ohio Turnpike.									
Seneca County Bloomville	28	1712EST			0	0			Hail (0.75)
Seneca County Countywide	28	1715EST			0	0	30K		Thunderstorm Wind
Many trees and large limbs were downed and, near Bloomville, the roof was blown off of a barn									
Stark County Pigeon Run	28	1716EST			0	0			Hail (1.50)
Large hail fell in Tuscarawas Township and in the towns of Brewster (0.75") and Navarre (0.75").									
Sandusky County Clyde	28	1730EST			0	0	1K		Thunderstorm Wind
Many large limbs were downed.									
Wyandot County Countywide	28	1733EST			0	0	7K		Thunderstorm Wind
Many trees and power lines were downed, especially in Sycamore.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

									June 1998
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property		Crops
<u>OHIO, North</u>									
Lorain County Elyria	28	1735EST			0	0	2K	Thunderstorm Wind	
Trees were downed.									
Ashland County Paradise Hill	28	1736EST			0	0		Hail (0.75)	
Richland County Mansfield	28	1745EST			0	0	30K	Thunderstorm Wind	
Many trees were downed in and near Mansfield and the roof was torn off of a building at Mansfield Reformatory.									
Crawford County Countywide	28	1746EST			0	0	100K	Thunderstorm Wind	
Many trees were downed, some across roads, on buildings and cars.									
Richland County Countywide	28	1756EST 1955EST			0	0	150K	Flood	
More thunderstorms with torrential rains caused new flooding in addition to ongoing flooding from heavy rains on the 27th. Many basements and roads were flooded, especially near Bellville. Flooding persisted in some areas for several more days.									
Ashland County Countywide	28	1800EST			0	0	75K	Thunderstorm Wind (G69)	
Many trees and power lines were downed, with some trees downed on houses. Winds were estimated as gusting to 80 miles per hour. At Pleasant Valley Campground in Loudonville, trees were downed and campers were evacuated									
Seneca County Countywide	28	1800EST 1900EST			0	0	10K	Flood	
Heavy thunderstorm rains produced considerable street flooding.									
Crawford County Countywide	28	1800EST 1940EST			0	0	50K	Flood	
Heavy thunderstorm rains produced flooding of roads and streams and basements.									
Ashland County Loudonville	28	1815EST			0	0	5K	Thunderstorm Wind	
Trees and some power lines were downed, possibly by downburst winds.									
Morrow County Countywide	28	1820EST			0	0	5K	Thunderstorm Wind	
Trees and power lines were downed.									
Morrow County Countywide	28	1820EST 2225EST			0	0	100K	Flood	
More heavy thunderstorm rains enhanced existing flooding and created new flooding. Ten head of cattle reportedly drowned and additional roads and bridges were damaged or washed in addition to damage from flooding on the 27th. Flooding persisted for several days in many areas.									
Cuyahoga County Cleveland	28	1827EST			0	0		Waterspout	
The Cleveland Coast Guard reported several huge waterspouts over Lake Erie a few miles offshore. They did not come ashore and no damage was reported.									
Crawford County Countywide	28	1830EST			0	0	2K	Thunderstorm Wind	
Several trees were downed, especially in the southeastern part of the county.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Holmes County Countywide	28	1830EST			0	0	3K		Thunderstorm Wind
Several trees were downed, especially in the western part of the county.									
Wyandot County Countywide	28	1830EST 2015EST			0	0	30K		Flood
Heavy thunderstorm rains caused flooding of small streams and low lying areas. A number of roads had high water on them and several roads had to be closed due to flood waters									
Knox County Countywide	28	1835EST 2225EST			0	0	150K		Flood
More thunderstorms with heavy rain added to flooding problems from the heavy rains on the 27th. Roads that were opened had to be closed due to the additional rains and new flooding; many roads countywide were closed. Flooding of homes and buildings continued in some towns and flooding persisted in some areas for several more days.									
Crawford County Countywide	28	1855EST 2030EST			0	0	100K	50K	Flood
Heavy rain caused significant flooding along secondary roads, basements and fields.									
Knox County Countywide	28	1900EST			0	0	5K		Thunderstorm Wind
Many trees and power lines were downed.									
Marion County Countywide	28	1900EST			0	0	4K		Thunderstorm Wind
Many trees were downed.									
Trumbull County Cortland	28	1903EST			0	0			Hail (0.88)
Large hail (0.88") was also reported near Mosquito Lake.									
Wyandot County Upper Sandusky	28	1905EST			0	0	3K		Thunderstorm Wind
Trees were downed.									
Wood County Countywide	29	0300EST			0	0	30K		Thunderstorm Wind
Strong thunderstorm winds downed many trees and, just south of Bowling Green, took the roof off of a barn									
Ashland County Mc Kay	29	0330EST			0	0			Hail (0.75)
Wayne County Kidron	29	0405EST			0	0	50K	50K	Hail (1.75)
Large hail fell two miles east of Kidron. Large hail (1.00") also fell at Dalton, causing damage to cars, roofs and crops.									
Wayne County Dalton	29	0405EST			0	0	5K		Thunderstorm Wind
Several trees were uprooted.									
Seneca County Bettsville	29	0410EST			0	0			Thunderstorm Wind (G52)
A wind gust of 60 miles per hour was reported.									
Stark County Canton	29	0425EST			0	0			Hail (1.00)
Large hail (0.75") was also reported at Navarre.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>OHIO, North</u>							
Huron County Monroeville	29	0458EST			0 0	3K	Thunderstorm Wind
							Power lines were downed.
Wayne County Wooster	29	1000EST			0 0	5K	Thunderstorm Wind
							Trees and power lines were downed.
Crawford County Bucyrus	29	1300EST			0 0	30K	Thunderstorm Wind
							The roof was blown off of a house.
Ashland County Hayesville	29	1823EST 2010EST			0 0	40K	Flood
							Flooding occurred from heavy thunderstorm rains on top of already saturated soil. Roads were closed from flood waters. Telephone poles being readied to replace storm damage poles from previous days floated away down County Road 1802.
Wayne County Shreve	29	1900EST			0 0	3K	Thunderstorm Wind
							Several trees were downed in the southern part of the county.
Holmes County Countywide	29	1920EST			0 0	5K	Thunderstorm Wind
							Numerous trees were downed. Winds were estimated at 80 to 100 miles per hour in the eastern part of the county.
Holmes County Countywide	29 30	1930EST 0530EST			0 0	100K 50K	Flood
							Flooding occurred from thunderstorm rains on top of saturated soil from two previous days of heavy rains. Roads were flooded and closed and some crops were flooded. Basements and a few buildings were flooded
Holmes County Countywide	29	1955EST 2147EST			0 0		Flood
							Many roads were flooded and streams were out of their banks.
OHZ009 Erie	30	0500EST 1421EST			0 0		Flood
							The Huron River at Milan exceeded its flood stage of 14 feet and crested at 16.7 feet on 06/30/98 at 1115 EST . Some flooding occurred in the lagoon communities from Milan to near Huron, with some cottages and homes completely surrounded by water.
Wood County Pemberville	30	1000EST			0 0	75K	Thunderstorm Wind
							Many trees were downed, the roof of a mobile home was blown away and the roof of a barn was blown off. In Perrysburg, a house trailer was blown over.
Wood County Pemberville	30	1000EST			0 0		Hail (1.75)
							Large hail (0.75") also fell at Luckey
Hancock County Countywide	30	1000EST			0 0	5K	Thunderstorm Wind
							Numerous trees and power lines were downed.
Sandusky County Fremont	30	1032EST			0 0		Hail (1.75)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Lorain County Brighton	30	1129EST			0	0	4K		Thunderstorm Wind
Trees were also downed in Wellington.									
Erie County Countywide	30	1130EST 1530EST			0	0			Flood
Heavy rain caused flooding of roads.									
Erie County Countywide	30	1130EST 1300EST			0	0	20K		Flood
Heavy thunderstorm rains produced flooding of several roads.									
Medina County Brunswick	30	1140EST			0	0			Hail (0.88)
Summit County Barberton	30	1219EST			0	0			Hail (0.75)
Large hail (0.88") also fell at Coventry									
Summit County Barberton	30	1219EST			0	0	500K		Thunderstorm Wind (G73)
Many trees, power lines and utility poles were downed in the southern part of the county. A wind gust of 74 miles per hour was reported in Barberton and an 84 mile per hour gust was reported at Akron Canton Airport. Roofs of buildings at the airport were damaged as well the nose gear of an airplane. At Portage Lakes, boats were ripped from their moorings and turned upside down.									
Stark County Canton	30	1230EST			0	0			Hail (0.88)
Large hail (0.75") also fell at Canal Fulton.									
Stark County Countywide	30	1230EST			0	0	1M		Thunderstorm Wind (G61)
Many trees and power lines were downed. A 70 mile per hour wind gust was reported in Jackson Township. Many houses, and some greenhouses and other structures were damaged by falling trees and the high winds. Two houses under construction in Paris Township were flattened.									
Wayne County Orrville	30	1240EST			0	0	2K		Thunderstorm Wind
Several trees were downed.									
Stark County Canton	30	1240EST			0	0	70K		Lightning
Lightning struck a house, and the ensuing fire destroyed it.									
Erie County Sandusky	30	1310EST			0	0			Waterspout
A water spout on Lake Erie moved onshore and became a tornado. It came ashore without causing any damage on the lake.									
Erie County Sandusky	30	1315EST	0.1	15	0	0			Tornado (F0)
A tornado briefly touched down without doing any damage.									
Erie County Huron	30	1320EST			0	0			Waterspout
Numerous water spouts were reported on Lake Erie around Huron and Catawba Island. They did not come ashore and no damage was reported.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Erie County									
Sandusky	30	1330EST			0	0			Thunderstorm Wind (G55)
			An estimated wind gust of 63 miles per hour was reported.						
Lorain County									
Oberlin	30	1351EST			0	0			Hail (1.75)
			Large hail also fell at North Ridgeville (0.75"), Elyria (0.75") and Amherst (0.88").						
Ottawa County									
Oak Harbor	30	1355EST			0	0	0.50K		Thunderstorm Wind
			A tree and a telephone pole were downed.						
Lorain County									
Amherst	30	1402EST			0	0			Thunderstorm Wind (G52)
			A wind gust was estimated at 60 miles per hour.						
Medina County									
Wadsworth	30	1410EST			0	0	5K	20K	Thunderstorm Wind (G52)
			Numerous trees were downed in Wadsworth and Seville. An estimated sixty mile per hour wind gust was reported along the Medina/Wayne county line. A grain field was flattened in the Wadsworth area						
Medina County									
Lodi	30	1436EST			0	0			Hail (0.75)
Wayne County									
Dalton	30	1500EST			0	0	3K		Thunderstorm Wind
			Trees were downed or uprooted.						
Summit County									
Barberton	30	1520EST			0	0	3K		Thunderstorm Wind
			Several trees were downed in the southern part of the county						
Stark County									
Mapleton	30	1530EST			0	0	0.50K		Thunderstorm Wind
			A couple of trees were downed in Mapleton and Minerva.						
Huron County									
Countywide	30	1530EST 1730EST			0	0	50K		Flood
			Heavy thunderstorm rain caused flooding of several roads and a few basements						
Lorain County									
Countywide	30	1530EST 1735EST			0	0			Flood
			Several roads were flooded.						
Erie County									
Countywide	30	1530EST 1730EST			0	0	10K		Flood
Huron County									
Countywide	30	1530EST 1730EST			0	0	15K		Flood
			Heavy thunderstorm rains, on top of nearly saturated soil, caused flooding of some roads and basements.						
Lorain County									
Countywide	30	1530EST 1730EST			0	0	15K		Flood



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

PENNSYLVANIA, Northwest

Erie County									
Erie	02	1505EST			0	0			Hail (0.75)
Crawford County									
Meadville	02	1542EST			0	0			Hail (1.00)
Crawford County									
Meadville	12	2125EST			0	0	5K		Lightning
		Trees and power lines were downed.							
Crawford County									
Troy Center	13	1320EST			0	0	1K		Thunderstorm Wind
		Trees were downed in Troy Township.							
Erie County									
Girard	16	1500EST			0	0	5K		Thunderstorm Wind
		Power poles were downed.							
Erie County									
Erie	16	1507EST 1551EST			0	0			Flood
		Heavy thunderstorm rain caused flooding of underpasses and streets in communities along the lakeshore, including Fairview and Girard.							
Erie County									
Erie	16	1515EST			0	0			Hail (0.75)
Erie County									
Arbuckle	29	1626EST			0	0			Hail (2.00)
		Large hail fell in Amity Township. Large hail also fell just west of Corry (1.75") and at Elgin (1.75")							